



REC Region 3 Update

September 2005



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LINK HELP

SECURE SITES – Links beginning with https:// may give a security error. To get around this problem copy the link and paste it in your browser.

DENIX - Many of our links are to DENIX. To subscribe to DENIX go to: <https://www.denix.osd.mil/denix/register.html> and register. It's a good thing.

If you find a dead link and you really want the information, please contact us at dodrecreg3@navy.mil and we will find the link for you.

SUBSCRIBE!

If you would like to receive the REC Newsletter, please send an email to: dodrecreg3@navy.mil with your name, command, address, phone number, and email address.

For old issues go to Denix or <http://www.cnрма.navy.mil/environmental/news.htm>.

If you or your organization would like to submit an article, story, or picture for future newsletters, send them to [John Ballinger](#). Thanks. [Table of Contents](#)

EDITOR'S NOTE

As the producer of the REC newsletter, it has been a pleasure to report all relevant military and environmental news to you readers. Unfortunately, this will be my last edition of the newsletter as I have accepted a civil service position with NAVFAC Atlantic. I'd like to say goodbye to all my readers and wish everyone the best of luck. Farewell!!

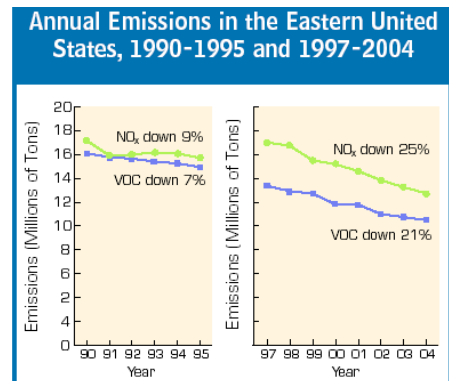
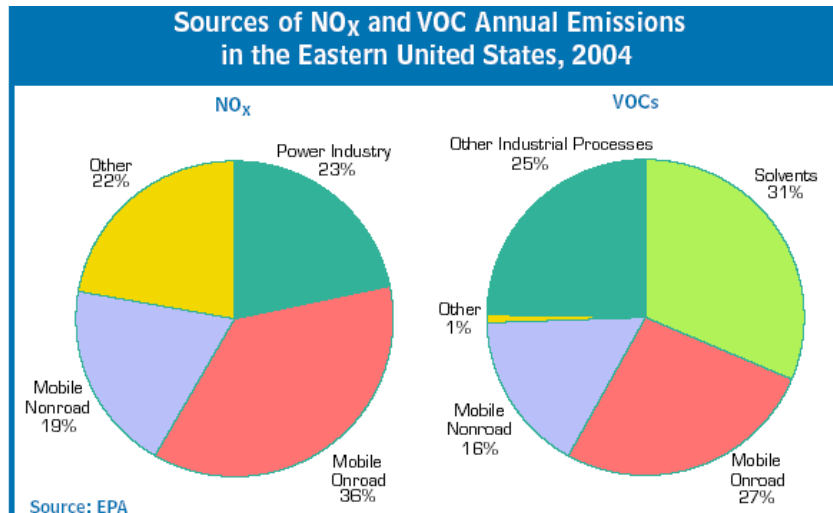
FEDERAL NEWS

CAA

Decreases In Ozone Forming NO_x

2004 decreases in emissions of ozone forming nitrogen oxides (NO_x) signal that ozone air quality throughout the eastern US is improving. According to a new report, ["Evaluating Ozone Control Programs in the Eastern United](#)

[States: Focus on the NO_x Budget Trading Program, 2004"](#), EPA's rule, known as the "NO_x SIP Call," yielded reductions to improve air quality for more than 100 million people.



Extension of the Deferred Effective Date for 8-Hour Ozone NAAQS for Early Action Compact Areas¹

EPA extended the deferred effective date of air quality designations for 14 areas of the country that entered into Early Action Compacts to 31 Dec 06. Early Action Compact areas agreed to reduce ground-level ozone pollution earlier than the Clean Air Act (CAA) requires. Designated areas in Region III include:

- VA - Northern Shenandoah Valley Region
- VA - Roanoke Area

- MD - Washington County
- WV - The Eastern Pan Handle Region

On 30 Apr 04, EPA designated all areas of the country for the 8-hour ozone National Ambient Air Quality Standards (NAAQS). In the designation rule, EPA deferred the effective date of the nonattainment designation for 14 areas that had entered into Early Action Compacts until 30 Sep 05. More information is available at:

<http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/pdf/05-17038.pdf>

NATURAL RESOURCES

Wetlands and Riparian Areas Nonpoint Source Management Measures

EPA recently published **National Management Measures to Protect and Restore Wetlands and Riparian Areas for the Abatement of Nonpoint Source Pollution**, a technical guidance and reference document for use by state, territory, and authorized tribal managers as well as the public in the implementation of nonpoint source (NPS) pollution management programs. The new guidance contains information on the best available, economically achievable means of reducing nonpoint source pollution through the

protection and restoration of wetlands and riparian areas, as well as the implementation of vegetated treatment systems. The document is available at:

<http://epa.gov/owow/nps/wetmeasures/>.

RCRA

HTIS

Hazardous Technical Information Services (HTIS) serves the **DoD community** by providing a [Hazardous Materials Helpline Answer Service](#) and a [Hazardous Materials Technical Bulletin](#) to **encourage compliant management of hazardous materials and wastes**. HTIS is a service of the Defense Logistics Agency located at the Defense Supply Center Richmond (DSCR), Richmond Virginia. To subscribe to the bulletin go to:

<http://www.dscr.dla.mil/htis/FORMS/BulletinSubscription.asp>. More information is available at:

<http://www.dscr.dla.mil/htis/htis.htm>.

Discarded Mercury-Containing Equipment Ruleⁱⁱ

EPA published the final rule that adds “spent mercury-containing equipment” to the federal list of universal wastes

regulated under the RCRA has been. Mercury-containing equipment includes devices, items, or articles that contain elemental mercury, for example, thermostats, barometers, manometers, temperature and pressure gauges, and mercury switches, such as light switches in automobiles. The new category includes thermostats, but not batteries and mercury containing fluorescent lamps (both are separately listed). **It must be noted that this rule is only effective when it has been adopted by your individual State.** More information is available at:

<http://www.epa.gov/epaoswer/hazwaste/recycle/electron/crt.htm>

WATER

2006-07 Effluent Guidelines Planning Cycle

Comments are being requested on a preliminary plan for the 2006-07 effluent guidelines planning cycle. The plan describes the EPA’s approach to revising or developing effluent guidelines over the coming years. A pre-publication version of the Federal Register Notice is available at www.epa.gov/guide/plan.html

Nonpoint Source Pollution Success Storiesⁱⁱⁱ

EPA announced a new Clean Water Act (Section 319) nonpoint source pollution (NPS) success stories web site. This web site features projects that have achieved water quality improvements through the Section 319 grant fund program. NPS is pollution that comes from many sources. It is caused by rainfall or snowmelt moving over and through the ground. As the runoff moves, it picks up and carries away natural and human-made pollutants, ultimately depositing them into lakes, rivers, wetlands, coastal waters, and even underground sources of drinking water. The site is available at: <http://www.epa.gov/owow/nps/Success319/>

Proposed New Test Methods For Wastewater And Sewage Sludge

EPA is proposing new test methods that will lead to the detection of four types of bacteria in wastewater and sewage sludge. EPA’s proposal centers on culture-based approaches to detecting enterococci and Escherichia coli (E. coli) in wastewater. Additional tests will identify salmonella and fecal coliform bacteria in sewage sludge. The bacteria are seen as “health indicators” that point to possible contamination and the need for further

investigation and treatment. The new tests will yield results within 24 hours and provide treatment facilities with an indication of the effectiveness of their treatment techniques. Information about this and other water analytical methods is available at: <http://www.epa.gov/waterscience/methods>.

Security Training Modules For Water Utilities

Drinking water and wastewater utilities now have comprehensive training modules to incorporate enhanced security measures into facility design, operation and management. These modules are based on the three recently released interim voluntary security guidance documents developed by the American Water Works Association (AWWA), the Water Environment Federation (WEF) and the American Society of Civil Engineers (ASCE).

The training modules provide a tool to inform managers, operations personnel, design professionals, and regulatory officials involved in drinking water, wastewater and stormwater utilities with detailed practical assistance for implementing improved security measures in new and existing facilities of all sizes. Training modules are provided in MS Word, MS PowerPoint and PDF formats on a CD-ROM, and are available free of charge. To request a copy of the CD, send an email to wise@asce.org. The guidance documents are available at: <http://www.asce.org/static/1/wise.cfm>.

Handbook On Watershed Management

EPA released a handbook entitled **Community-Based Watershed Management: Lessons from the National Estuary Program**. This handbook is an update to Saving

Bays and Estuaries, published in 1989. While the new handbook focuses on estuaries, its principles and examples are relevant to any organization involved in watershed management. The handbook describes innovative approaches developed and conducted by the 28 National Estuary Programs, which are community-based watershed-management organizations that restore and protect coastal watersheds. Topics covered range from starting a program, identifying problems and solutions to plan development and action steps. Community-Based Watershed Management is available at:

<http://www.epa.gov/owow/estuaries/neprimer>. More information about the National Estuary Program is available at: <http://www.epa.gov/owow/estuaries/>

Preliminary 2006 EPA Effluent Guidelines Program Plan^{iv}

EPA released results of their 2005 effluent guidelines program plan review and notice of the 2006 effluent

guidelines program plan. As a result of its 2005 screening-level review, EPA is conducting detailed studies of two industrial point source categories: Pulp, Paper, and Paperboard (Part 430) and Steam Electric Power Generation (Part 423).

The purpose of the study is to determine whether, in the final 2006 Plan, EPA should identify one or both of these industrial categories for possible revision of their existing effluent guidelines and pretreatment standards. Pollutants significantly influencing the Steam Electric Power Generation category's hazard ranking include arsenic, boron, metals (including mercury), and chlorine. More information is available at:

<http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/pdf/05-17032.pdf>.

STATE NEWS



MARYLAND



Proposed Regulations To Protect Chemical Facilities From Terrorist Attacks

The Maryland Department of the Environment (MDE) proposed regulations (COMAR 26.27.01-.12) that would require facilities that keep substantial quantities of extremely hazardous chemicals to determine how vulnerable they are to a terrorist attack and to implement measures to increase plant security. If the proposed regulation is finalized, Maryland will become the third state to require facilities keeping substantial quantities of chemicals to take steps to protect the sites from attacks. A measure authorizing MDE to develop the regulations, [H.B. 493](#), was signed into law by Governor Robert Ehrlich May 26. Under the Maryland proposal, each facility would be required to prepare and submit a document to MDE that analyzes the plant's security gaps and the likely consequences of a successful attack, and to implement security measures "commensurate" with the risks, according to the proposal. Facilities would conduct the security gap analysis in accordance with procedures established by the American Chemistry Council, the Chlorine Institute, and the Synthetic Organic Chemical Manufacturers Association in October 2001, or by following guidance issued by MDE. Implementation of the security measures would be certified by a third party. Send comments to [Gary Koerber](#) by 21

Sep. The proposed regulations and accompanying guidance are available at:

http://www.dsd.state.md.us/mdregister/3217/main_register.htm and search for COMAR26.27.01.

EPA Approves New Standards To Control Discharge From Wastewater Plants

The EPA approved new water quality standards for Maryland's wastewater plants that discharge into the Chesapeake Bay, putting into effect the largest and most effective component of an interstate effort to restore the watershed. The water quality standards require specific nutrient loading limits for phosphorous and nitrogen in all new or renewed permits issued for 66 of Maryland's wastewater treatment plants in the Chesapeake Bay watershed. More information on Maryland's water quality standards is available at:

<http://www.mde.state.md.us/Programs/WaterPrograms/TMDL/wqstandards/index.asp>. The document outlining the permitting approach is available at <http://www.epa.gov/reg3wapd/npdes/index.htm>. More information is available at: <http://www.denix.osd.mil/denix/DOD/News/Pubs/DER/02Sep05/28.doc.html>



VIRGINIA



Amendments To Solid Waste Regulations

The Department of Environmental Quality (DEQ) is proposing to make several amendments to Virginia's solid waste management program. DEQ prepared a document to describe goals and objectives for Virginia solid waste management over the next 20 years. Virginia's solid waste management structure is not guided by a single unified document. Solid waste planning currently is directed and coordinated in accordance with a collection of legal requirements and official documents administered through state, regional, and local requirements and official responsibilities. The proposed document also explains the state's existing mechanisms for solid waste planning, management, and public participation. Send comments to [Gary Koerber](#) by 29 Oct 05. The draft document is available at:

<http://www.deq.virginia.gov/waste/elementssw.html>

Amendments To Pesticide Applicator Certification

The State Pesticide Control Board adopted amendments to its pesticide application certification regulations. Substantive changes in the proposed amendments include: (1) adding new definitions to clarify who must be certified and keep pesticide application records; (2) adding new definitions to clarify the required supervision standard for people training to become applicators; (3) adding categories and/or subcategories of pesticide applicators; (4) establishing minimum standards for on the job training for Registered Technicians when working in different categories or subcategories; (5) establishing a time frame within which a person would have to finish training and take the registered technician examination; (6) eliminating the provision allowing businesses or agencies to proctor the registered technician examination to their own employees; and (7) requiring applicators not for hire to keep records of all pesticides applied (not just those that are restricted use). Send comments to [Gary Koerber](#) by 23 Nov 05. The proposed amendments are available at:

<http://www.townhall.virginia.gov/Utils/DisplayContent.cfm?fileName=E%3A%5Ctownhall%5Cdocroot%5C187%5C51%5C1426%5C2875%5CText%5FVDACS%5F2875%5Fv1%2Epdf>. The agency statement on these regulations is available at:
<http://www.townhall.virginia.gov/Utils/DisplayContent.cfm?fileName=E%3A%5Ctownhall%5Cdocroot%5C187%5C51%5C1426%5C2875%5CText%5FVDACS%5F2875%5Fv1%2Epdf>

[1%5C1426%5C2875%5CAgencyStatement%5FVDACS%5F2875%5Fv1%2Epdf](http://www.deq.virginia.gov/waste/elementssw.html).

Waste Pile Permit By Rule Amendment To The Solid Waste Management Regulations

DEQ finalized amendments to the Solid Waste Management Regulations to develop a permit by rule for waste piles. The amendments establish standards and procedures for the siting, design, construction, operation, maintenance, closure and post-closure care of solid waste management facilities. These amendments allow certain activities to be exempt from permitting requirements and provide expedited procedures for obtaining a permit for the management of other waste materials in piles. Conditional exemptions under section 9 VAC 20-80-60 E were provided allowing the storage of waste material in piles as long as they meet the provisions of the exclusion and they do not create an open dump hazard or public nuisance. Section 9 VAC 20-80-400 was modified to recognize the provisions for permit by rule in Section 485, and will provide reasonable provisions to protect human health and the environment, including provisions to protect surface water and ground water, and minimize the potential for fire. Section 9 VAC 20-80-480, and 485 were modified to provide for a permit by rule for waste piles. The permit by rule provisions are similar to those used for transfer stations, materials recovery facilities, incinerators, and composting facilities. Section 485 provides a list of documentation including plans, certifications and financial assurance that must be submitted by the applicant to the department in order to fulfill the requirements for permit by rule for a waste pile. The proposed regulation is found here: <http://legis.state.va.us/codecomm/register/vol21/iss06/p9v2080.doc>. The final regulation text is available at: <http://www.townhall.virginia.gov/Utils/DisplayContent.cfm?fileName=E%3A%5Ctownhall%5Cdocroot%5C210%5C80%5C1359%5C3161%5CText%5FDEQ%5F3161%5Fv2%2Epdf>. The final rule becomes effective on 05 Oct 05.

CHESAPEAKE BAY PROGRAM

Looking Back At The 2005 Chesapeake Bay Summer Forecast

Throughout the summer, Chesapeake Bay Program scientists continually monitor what's happening in the bay and compare that data to the 2005 Summer Forecast. Based on recent monitoring data:

- dissolved oxygen levels greatly decreased in a significant portion of the bay's main stem,

- harmful algal blooms appeared along the Potomac River and
- bay grasses are beginning to sprout.

See how current dissolved oxygen, algal bloom and bay grass conditions compare to the original forecast. Read the full story at:

<http://www.chesapeakebay.net/bayforecastspring2005.htm>

PROFESSIONAL DEVELOPMENT

CONFERENCES

2005 National Forum On Contaminants In Fish, 18-21 SEP 05, Baltimore, MD.

For program information, please visit the Forum website at <http://epa.gov/waterscience/fish/forum/2005/>.

"NO COST NO TRAVEL" Pollution Prevention Awareness Web Conference series

CECOS, in cooperation with the Naval Facilities Engineering Service Center (NFESC), is proud to announce the FY06 series of Pollution Prevention (P2) Awareness and Technologies Workshops. After great success earlier this year using web conferencing for several EPCRA and P2 offerings, CECOS has decided to offer these one day workshops on the 3rd Tuesday of each month, beginning 20 September. In addition, they will also be using this system to allow NFESC to discuss a different cutting-edge P2 technology topic in detail monthly as an added bonus.

Web Conferencing has provided significant benefits to both students and commands. Since December 05 CECOS estimates they have saved commands that allowed their students to participate, nearly \$250,000 in travel and training related costs. Implementation of this "NO COST NO TRAVEL" mindset has yielded many testimonials from the students hailing this as a great way to receive training. Many people enjoy being able to have classroom style interaction from their desktop and not have to leave home and their families. During the winter, some students were actually able to participate in training from their home PCs while they were snowed in for several days. This form of delivery offers tremendous flexibility without sacrificing training quality in most cases.

20 September will be the first of monthly P2 Awareness Workshops. Topics of discussion will include:

- Navy P2 & Funding strategies

Building Materials Reuse and Recycling: Deconstruction '05 International Conference, 6-8 NOV 05, Atlanta, GA

More information is available at: www.decon05.com

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- Air, Water, Wastewater P2 strategies and technologies
- Hazardous Substance Management System (HSMS)
- Navy P2 Technologies and Success Stories
- P2 Significance of EPCRA and EMS

Events will be scheduled on this web site: <http://cecos.navy.mil.raindance.com>. All you need to do to attend is simply register for the event listed under "Scheduled Events". The system will ask you to create a new account login and password. This will be your unique login info and can be used for all events presented this way. Once you register the system will generate an invitation and confirmation email to you with complete instructions. In some cases you will be able to download preliminary course documents for your review prior to the workshop(s).

Coming up in October are EPCRA/TRI Web Conference Courses. CECOS, in partnership with URS and Raindance Inc., is pleased to announce the EPCRA/TRI Web-Conference Training schedule for 2005-2006. This web-conference is based on the live 3-day EPCRA training that has been presented at many locations over the past few years and has been tailored to be delivered via this format. You will receive the same in depth, DoD-specific EPCRA training from the same instructors that present the live training. More information and registration is available at: <http://cecos.navy.mil.raindance.com/iccdocs/seminarList.shtml>. If you have any questions please contact Ivan Cekov, CECOS Web Conferencing Coordinator at: ivan.cekov@navy.mil. [Table of Contents](#)

TRAINING

NAVY ENVIRONMENTAL TRAINING

Navy and ISEERB Environmental Training 2006 Catalog

The Navy and ISEERB Environmental Training program catalog of courses for FY06 is available. It is important for anyone designing their training programs and related funding for next year. The catalog is available at: <https://www.denix.osd.mil/denix/Public/Training/Documents/navyfy06catalog.pdf>. The Navy Environmental Training Program Steering Committee chair is Mr. Dave

Olson N45 E, assisted by Mr. Chet Arbnor. For information on processes to identify unmet training needs or other questions regarding the Navy's Environmental Training Program contact Dr. Kathleen S. Roos at: kathleen.roos@navy.mil for ashore related training or Tom Fleming at tom.fleming@navy.mil for afloat related training. If you need further information, please contact Nancy Watt at nancy.watt@navy.mil.

NAVOSH & Environmental Training Center

For further information on the courses and/or to register, visit NAVOSH & Environmental Training Center website at: <http://www.safetycenter.navy.mil/training/default.htm>

CECOS Courses

For further information on the courses below and/or to register, visit the CECOS training website at: <https://www.cecocos.navy.mil>

9/20/2005	9/22/2005	Conducting EMS Rev 5040	Honolulu HI
9/20/2005	9/23/2005	Env Protection 5050	Washington DC
10/4/2005	10/6/2005	Conducting EMS Reviews	Northwest Region
10/11/2005	10/13/2005	Conducting EMS Reviews	Norfolk, VA
10/18/2005	10/20/2005	Environmental Negotiation Workshop	San Antonio, TX
10/18/2005	10/18/2005	Poll Prev Prog Operations and Management	Groton, CT
10/25/2005	10/27/2005	Health & Env Risk Communication Workshop	Washington DC
11/1/2005	11/3/2005	Basic Environmental Law	Jacksonville, FL
11/14/2005	11/16/2005	Conducting EMS Reviews	Jacksonville, FL
11/14/2005	11/14/2005	National Environmental Policy Act (NEPA) Navy Executive Overview	Waipahu, HI
11/15/2005	11/15/2005	Pollution Prevention Program Operations and Management	San Diego, CA
11/15/2005	11/17/2005	Munitions Response Site Management	San Diego, CA
11/15/2005	11/17/2005	Air Installations Compatible Use Zones (AICUZ) Seminar	Davis Monthan AFB, AZ
11/15/2005	11/17/2005	NEPA Application	Waipahu, HI
11/17/2005	11/17/2005	NEPA Navy Executive Overview	Kaneohe Bay MCB, HI
12/6/2005	12/8/2005	Ecological Risk Assessment	Norfolk, VA
12/13/2005	12/15/2005	Health & Environmental Risk Communication Workshop	TBD
12/13/2005	12/14/2005	Advanced Environmental Law	Charleston, SC

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Navy Workshop on Sustainable Development And LID For Planners, Engineers/Designers, and Facility Managers/Public Works, One-Day Training - Dates available: 20, 21, 22, SEP 05, Location: Washington Navy Yard, Building 157.

More information is available at: Tham Saravanapavan at tham.saravanapavan@tetrattech-ffx.com.

Strategic Conservation Planning: Using the Green Infrastructure Approach, 26-29 SEP 05, Shepherdstown, WV

More information is available at: <https://otis.fws.gov/> and enter course code ECS3146.

Partners In Environmental Technology Technical Symposium & Workshop, 29 NOV-1 DEC 05, Washington D.C.

More information is available at:
<http://www.serdp.org/symposiums/symposiums.html> .

Spray Technique Analysis & Research For Defense Training (STAR4D®), Cedar Falls, IA.

You must obtain a PIN code to view the course schedule. To do this, contact Rick Klein, (319) 273-8905, e-mail: rick.klein@uni.edu, or visit the website at:
<http://www.star4d.org/>

Green Purchasing Online Training

More information is available at:
<http://www.ofee.gov/gp/GoLearn.doc>.

EPA Watershed Assessment Tools Training, Various Times & Locations.

More information is available at:
<http://www.epa.gov/waterscience/basins/training.htm>.

USDA Forest Service Continuing Education Program, Various Times & Locations.

More information is available at:
<http://www.fs.fed.us/biology/education/>.

EPA Online EMS Training Course

The course is available at:
<http://www.epa.gov/epaoswer/ems/ems-101/ems101.htm>

Qualified Recycling Program Course Multiple Dates/Multiple Locations

More information is available at:
<http://www.almc.army.mil/EMD/Page5.html>.

EPA Regions 1, 2, 3, & 5 Training Courses Multiple Dates/Multiple Locations

More information is available at:
www.trainex.org.

MEET THE REC

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ⁱWeekly Federal Register Summary, Week of 8/28/2005, Prepared By Naval Facilities Engineering Service Center

ⁱⁱWeekly Federal Register Summary, Week of 7/31/2005, Prepared By Naval Facilities Engineering Service Center

ⁱⁱⁱhttp://www.epa.gov/region03/ebytes/ebytes08_19_05.htm

^{iv}Weekly Federal Register Summary, Week of 8/28/2005, Prepared By Naval Facilities Engineering Service Center